

Table 10.1 : Structure of Energy Consumption

Energy Sources	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88	1988/89	1989/90	1990/91	1991/92	1992/93	1993/94	1994/95
Traditional	4411	4483	4578	4678	4780	4882	4988	5098	5208	5460	5576	5691	5811	5933	6059
Fuelwood	3382	4004	4089	4178	4269	4361	4456	4553	4652	4877	4980	5084	5191	5300	5412
Agri. Waste	584	179	183	187	191	195	199	204	208	219	224	228	233	238	243
Animal Dung	445	300	306	313	320	326	333	341	348	364	372	379	387	395	404
Commercial	180	180	166	195	255	267	201	279	274	236	349	419	430	483	581
Coal	49	49	37	42	83	85	10	54	50	7	42	58	26	32	67
Petroleum	117	117	113	133	151	158	164	193	186	185	257	306	348	391	448
Electricity	14	14	16	20	21	24	27	32	38	44	50	55	56	60	66
Others										4	4	5	6	6	7
Total	4591	4663	4744	4873	5035	5149	5189	5377	5482	5700	5929	6115	6247	6422	6647

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Table 10.2 : Sources and Uses of Electricity

In Million KWH

Fiscal Year	Household	Industrial	Commercial	Export	Other	Total	Power Loss	Production & Import	Peak Load MW	Import	Export
1974/75	54.1	21.4	7.9	4.6	3.8	91.8	37.0	128.8	36	4.3	4.6
1975/76	61.8	32.1	9.2	5.9	4.2	113.2	43.0	156.2	40	8.0	5.9
1976/77	65.8	39.0	10.4	6.1	4.4	125.7	45.8	171.5	46	11.9	6.1
1977/78	71.3	42.8	13.1	6.0	4.5	137.6	54.7	192.4	51	13.8	6.0
1978/79	77.2	47.8	18.0	6.2	5.9	155.1	63.0	218.1	53	16.7	6.2
1979/80	74.8	52.1	25.2	5.2	9.1	166.4	67.3	233.7	57	17.5	5.2
1980/81	136.6	84.2	34.4	11.1	13.3	279.6	110.3	389.9	59.0	25.5	11.1
1981/82	90.6	68.1	17.8	5.2	8.5	190.2	85.0	275.2	75	22.8	5.2
1982/83	119.0	82.0	21.3	6.0	8.5	236.8	110.2	347.0	84	24.0	6.0
1983/84	129.6	88.8	19.5	10.3	6.9	255.0	127.4	382.5	97	25.0	10.3
1984/85	155.9	100.1	21.2	10.6	10.0	297.8	123.8	421.6	104	38.0	10.6
1985/86	140.6	110.4	19.3	21.5	49.6	341.4	147.1	488.5	110	57.8	21.5
1986/87	162.3	148.5	21.9	20.5	49.4	402.6	168.5	571.1	125	32.6	20.5
1987/88	185.7	161.6	25.4	16.1	76.4	465.2	163.4	628.6	141	68.3	16.1
1988/89	193.3	175.3	30.8	17.6	79.2	496.2	176.2	672.4	150	113.9	17.6
1989/90	231.4	178.3	33.7	23.3	81.4	548.1	225.8	773.9	176	60.7	23.3
1990/91	261.4	206.9	36.6	80.6	83.8	669.3	236.9	906.2	201	33.7	80.6
1991/92	275.2	246.4	45.2	85.4	85.1	737.3	243.7	981.0	216	54.9	85.4
1992/93	259.8	273.8	47.6	46.1	82.1	709.4	253.9	963.3	214	82.2	46.1
1993/94	275.1	304.0	49.0	50.5	105.3	783.9	247.0	1030.9	231	102.8	50.5
1994/95	301.6	328.3	58.6	39.5	111.3	839.3	278.2	1117.5	244	113.8	39.5
1995/96	328.7	358.7	62.9	87.0	99.4	936.7	325.2	1261.9	275	73.0	87.0
1996/97	355.1	376.7	67.6	100.2	128.2	1027.8	340.8	1368.6	300	154.0	100.2
1997/98	378.8	413.7	71.5	67.4	120.0	1051.4	321.8	1373.2	317	210.3	67.4
1998/99	410.6	441.0	77.3	64.2	120.5	1113.6	361.4	1475.0	326	232.4	60.0
1999/00	467.1	508.4	81.8	95.0	117.1	1269.4	380.8	1701.5	352	232.2	95.0
2000/01	518.4	520.6	94.1	126.0	148.0	1407.1	461.3	1868.4	391	226.5	126.0
2001/02	557.9	596.7	90.4	133.9	161.1	1540.0	526.3	2066.3	426	238.2	133.9
2002/03	617.1	629.5	92.7	192.2	170.1	1701.6	559.5	2261.1	470.0	149.9	192.2
2003/04	676.4	689.8	108.1	141.2	196.7	1812.2	569.3	2381.5	515.2	185.6	141.2
2004/05	758.2	764.0	109.3	110.7	222.2	1964.4	678.4	2642.8	557.5	241.4	110.7
2005/06	805.7	785.6	120.3	96.6	224.4	2032.6	748.3	2780.9	603.3	266.2	96.6
2006/07	893.3	849.1	141.7	76.9	292.1	2253.1	798.7	3051.8	648.4	328.8	76.9
2007/08	951.8	911.7	159.4	61.5	296.3	2380.7	800.0	3180.7	721.7	412.4	61.5
2008/09	948.3	833.4	151.2	61.5	297.5	2230.3	840.4	3130.7	810.0	356.4	61.5
2009/10*	1112.0	1016.1	180.5	54.0	358.4	2666.7	870.7	3537.4	810.0	684.0	54.0

* Estimate of February end.

Source: Nepal Electricity Authority

Table 10.3 : Consumption of Petroleum Products

Quantity in Kilotitre

Description	1974/75	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88
Petrol	7251	7419	8116	7865	7878	8948	8130	9541	10944	12243	12620	13111	14197	15609
High speed Diesel	22406	25460	29679	30244	40164	38964	47359	43033	51260	53987	59284	63140	72098	73321
Kerosene Oil	25868	25028	25605	25143	26868	28914	29393	26135	27718	35535	37985	46304	55445	51835
Light diesel Oil	8049	8008	7739	8305	7769	7119	8813	6637	5623	6221	6538	6741	6430	5719
Furnace Oil	474	1684	1007	928	1850	2929	2863	3216	5681	6269	8680	12033	13315	7435
Aircraft Turbine Oil	7172	8721	9405	10357	11723	12731	13011	15039	15342	18036	17682	17872	19345	19698
Mineral Turpentine Oil	1197	1172	1063	735	429	311	557	235	341	406	1108	537	304	238
L.P. Gas	822	1109	942	944	783	1122	651	505	412	666	544	468	614	422
Petroleum Gas	215	309	424	611	643	355	352	556	706	879	1107	1021	1899	2304
Bitumin	1565	771	515	232	191	-	36	1615	7480	7533	2873	399	1401	1195
Metholin	-	48	67	133	48	57	43	51	25	37	40	33	54	30
Hexon	-	48	48	32	24	144	96	248	181	172	255	235	261	-
Break Oil	-	-	-	-	-	-	-	-	-	-	-	-	-	604
Total	75,019	79,777	84,610	85,529	98,370	101,393	111,304	106,811	125,713	141,984	148,716	161,894	185,363	174,277
Value (Rs. in ten million)	19.39	21.3	24.34	21.29	19.54	34.64	47.60	46.89	60.27	69.73	80.00	101.51	86.00	97.23
Import of Petroleum products/commodity export (%)**	21.8	17.9	20.9	20.3	15.1	30.1	29.60	31.40	53.20	41.80	29.20	32.90	28.60	23.60

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Energy Sources	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10*
Traditional	6185	6268	6403	6540	6681	6824	7066	7240	7397	7556	7698	7854	8015	8185	6945
Fuelwood	5525	5574	5694	5816	5941	6068	6315	6451	6591	6732	6862	6999	7149	7301	6196
Agri. Waste	248	273	279	285	292	299	305	312	319	327	329	337	337	344	290
Animal Dung	412	421	430	439	448	457	446	477	487	497	507	518	529	540	459
Commercial	651	691	769	818	1054	1016	1029	1015	1059	1014	1093	1031	1038	1147	951
Coal	72	60	61	68	246	174	152	134	171	152	243	144	193	181	155
Petroleum	507	554	625	661	709	734	758	753	747	705	686	709	655	775	626
Electricity	72	77	83	89	99	108	119	128	141	157	164	178	190	191	170
Others	10	13	16	20	24	29	33	39	45	46	53	59	59	64	57
Total	6846	6972	7188	7378	7759	7869	8128	8294	8501	8616	8844	8944	9112	9396	7953

* Estimate of first eight months.

Note:-

1. Since the fiscal year 1993/94 structure of energy consumption is presented in Tonne of Oil Equivalent (TOE) instead of Tonne of Coal Equivalent (TCE). The basis of conversion is taken as 1 TOE equivalent to 1.454288 TCE.
2. The renewable energy has been included from FY 2004/05 in detail.
3. As data have been adjusted in accordance with the survey recently conducted by Water and Energy Commission it may not verify with the earlier statistics.

Source: Water & Energy Commission

Quantity in Kilotre

Description	1988/89	1989/90	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	First 8 Months	
																						2008/09*	2009/10*
Petrol	17340	14708	17241	26780	29910	31056	34942	41191	44889	46939	49994	55589	59245	63271	67457	67586	75989	80989	101911	100842	124169	75986	102404
High speed Diesel	75356	103273	106438	166552	179900	196047	227226	250504	257235	300604	315780	310561	326060	286233	299973	299730	315368	294329	306687	302706	466468	258129	361791
Kerosene Oil	63246	95672	75939	122458	149237	162077	180536	208720	243005	282026	294982	331120	316381	386593	348683	310826	239328	226637	197849	155215	70089	49777	38268
Light diesel Oil	6074	-	2476	2542	1530	-	4191	4375	2017	967	547	4005	3418	2413	610	577	100	290	-	-	-	-	-
Furnace Oil	6836	-	6209	11062	20222	27319	31567	18449	16858	27776	33860	26876	20999	18255	14502	12653	2639	3695	4557	-	-	-	-
Aircraft Turbine Oil	16244	9327	16541	24836	29210	30250	37536	40621	47688	51412	55549	56849	63130	47453	52839	64041	66825	64335	63777	68938	68965	47834	55651
L.P. Gas (M.T)	4	-	-	1	-	-	-	18400	21824	-	25019	30627	40102	48757	56079	66142	77594	81005	93562	96837	115813	73618	86403
Mineral Turpentine Oil							125	-	-	-	132	132	132	120									
Others							208	-	-	-	-	-	-	-									
Total	185,100	222,980	224,844	354,231	410,009	446,749	515,998	582,260	633,516	709,724	775,731	815,627	829,335	852,975	840,143	821,555	777,843	751,280	768,343	724,538	845,504	505,344	644,517
Price in Ten Million	84.08	217.82	302.56	441.12	410.86	497.13	534.64	632.47	744.87	1032.41	1113.61	1461.74	1868.57	1811.75	1933.00	2260.00	2685.00	3244.96	-	-	-	-	-
Export based on goods Income of Petroleum Product	26.6	42.2	40.9	32.2	23.87	25.8	30.31	31.81	32.48	37.52	31.21	29.34	33.57	38.59	38.71	41.92	45.74	53.87	-	-	-	-	-
Percentage																							

Provisional

* Fupto iscal Year 2047/48 in MT

Source M Nepal Oil Corporation